







Standard <u>Test</u> Positions

Positions 1G, 3G, 6G, 2F, 5F, etc. are specially defined standard positions used for testing. They are properly referred to as Test Positions. Similar positions are found in ISO 6947 identified as PA, PC, PG, etc.

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		Fosition and Type Weld Qualified		LNOLE (1)]
Qualification Test		Plate and Pipe Over 24 in.	Pipe ≤ 24 in.	Fillet
Weld	Position	(610 mm) 0.D.	(610 mm) 0.D.	Plate and Pipe
Plate — Groove	16 26 36 46 36 and 46 26, 36, and 46 Special Positions (SP)	F F,H F,O F,O F,V,O All SP,F	F [Note (2)] F,H [Note (2)] F [Note (2)] F [Note (2)] F [Note (2)] F,H [Note (2)] SP,F	F F,H F,H,V F,H,O All All SP,F
Plate — Fillet	1F 2F 3F 4F 3F and 4F Special Positions (SP)	••••	· · · · · · · · · ·	F [Note (2)] F,H [Note (2)] F,H,V [Note (2) F,H,O [Note (2) All [Note (2)] SP,F [Note (2)]
Pipe — Groove [Note (3)]	1G 2G 5G 6G 2G and 5G Special Positions (SP)	F F,H F,V,O All All SP,F	F F,H F,V,0 All SP,F	F F,H All All SP,F
Pipe — Fillet [Note (3)]	1F 2F 2FR 4F 5F Special Positions (SP)		· · · · · · · · · · · · · · · · · · ·	F F,H F,H F,H,O All SP F



Welding positions for groove welds are defined by the following diagram.

NOTE Welding Position Diagrams are contiguous.

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Welding Positions						
	Tabulation of Po	ositions of Groove We	lds			
Position Diagr	am Reference	Inclination of Axis	Rotation of Face			
Flat	А	0 to 15°	150 to 210°			
Horizontal	В	0 to 15°	80 to 150° 210 to 280°			
Overhead	С	0 to 80°	0 to 80° 210 to 360°			
Vertical	D	15 to 80°	80 to 280°			
	E	80 to 90°	0 to 360°			
How this table a following diagra	and the diagram on ms	the previous page work a	are shown in the			
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Welding Positions for Fillet Welds

Tabulation of Positions of Fillet Welds

